

PTO/SB/21 (10-07)
Approved for use through 10/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| Under the Paperwork Reduction Act of 1995         | , no persons are required  | to respond to a collection of | Information unless it displays a valid OMB control             |
|---|--|-------------------------------|--|
|   |  | Application Number            | 10/543,119 - Conf #9509  |
| TRANSMIT  | ΓAL  | Filing Date                   | July 22,2005   |
| FORM  |  | First Named Inventor          | Morito Akiyama   |
|   |  | Art Unit                      | 2934   |
| (lo be used for all correspondence a              | ter initial filing)  | Examiner Name                 | K. Addison   |
| Total Number of Pages in This Subm                | ission   | Attorney Docket Numb          | 63834(70904)   |
|   | NCLOSURES  | (Check all that app           | oly)   |
| Fee Transmittal Form                              | Drawing(s)   |                               | After Allowance Communication to TC                            |
| Fee Attached                                      | Licensing-rel  | ated Papers                   | Appeal Communication to Board of Appeals and Interferences     |
| X Amendment/Reply                                 | Petition   |                               | Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| After Final                                       | Petition to Convert to a Provisional Application                 |                               | Proprietary Information  |
| Affidavlts/declaration(s)                         | Power of Attomey, Revocation<br>Change of Correspondence Address |                               | Status Letter  |
| Extension of Time Request                         | Terminal Disclalmer  |                               | Other Enclosure(s) (please Identify below):                    |
| Express Abandonment Request                       | Request for I  | Refund                        |  |
| Information Disclosure Statement                  | CD, Number   | of CD(s)                      |  |
| Certified Copy of Priority Document(s)            | Landsc   | ape Table on CD               |  |
| Reply to Missing Parts/<br>Incomplete Application | Remarks  |                               |  |
| Reply to Missing Parts under 37 CFR 1.52 or 1.53  |  |                               |  |
|   |  |                               |  |
|   |  |                               |  |
| lace by   |  | NT, ATTORNEY, OR              | AGENT  |
| EDWARDS ANGEL                                     | LPALMER & DO   | DGE LLP                       |  |
| iignature   |  |                               |  |
| Printed name Lisa Swiszcz Hazza                   | rø   |                               |  |
| December 24, 2007                                 | 0  | Reg. No.                      | 44,368   |

| AMENDMENT TRANSMITTAL LETTER   |   |   |                                   |                    |                | Docket No.<br>63834(70904) |
|--|---|---|-----------------------------------|--------------------|----------------|----------------------------|
| Application No. Filing Date Examiner 10/543,119 - Conf #9509 July22, 2005 K. Addison |   |   |                                   |                    |                |                            |
| Applicant(s): O. F   | Penezina, et al                           |   |                                   |                    |                |                            |
| Invention: PORC  | OUS COMPOS                                | TE MEMBRAI                              | NE AND MET                        | HOD F              | OR MAKING      | THE SAME                   |
|  |   | THE COMMI                               |                                   |                    |                |                            |
| Transmitted here The fee has beer  |   |   |                                   |                    | lication.      |                            |
|  |   |   | S AS AMENI                        |                    |                |                            |
|  | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid | Number<br>Extra Claims<br>Present |                    | Rate           |                            |
| Total Claims   | 20  | - 20 =                                  | 0                                 | X                  | 50.00          | 0.00                       |
| independent<br>Claims  | 2   | - 3 =                                   | 0                                 | x                  | 210.00         | 0.00                       |
| Multiple Depend  | ent Claims (ch                            | ck if applicabl                         | e)                                |                    |                |                            |
| Other fee (pleas   |   |   |                                   |                    |                |                            |
| TOTAL ADDITI   | ONAL FEE FO                               | R THIS AME                              | NDMENT:                           |                    |                | 0.00                       |
| x Large Entity   | x Large Entity Small Entity               |   |                                   |                    |                |                            |
| × No additiona   | l fee is require                          | for this amen                           | idment.                           |                    |                |                            |
|  | e Deposit Acc<br>opy of this she          |   | ir                                | the am             | ount of \$ _   | •                          |
| A check in th  | e amount of \$                            |   | to cover                          | the filing         | g fee is enclo | sed.                       |
|  | credit card. Fo                           |   |                                   |                    |                |                            |
| X The Director as described  | is hereby autho<br>below. A dupl          | orized to charg<br>icate copy of t      | je and credit<br>his sheet is e   | Deposit<br>nclosed | : Account No   | 04-1105                    |
|  | y overpaymen                              |   |                                   |                    |                |                            |
| x Cylarge a  | ny additional filip                       | ng-or application                       | n processing f                    | es requ            | ired under 37  | ' CFR 1.16 and 1.17.       |
| Lisa Swiszoz Ha<br>Atterney/Agent F  |   | 68                                      |                                   | C                  | Dated: De      | ecember 26, 2007           |
| EDWARDS AND<br>P.O. Box 55874<br>Boston, Massact<br>(617) 517-5512                   | SELL PALMER                               |   | P                                 |                    |                | ·                          |
|  |   |   |                                   |                    |                |                            |

# CENTRAL FAX CENTER

PTO/SB/67 (09-04)
Approved for use through 07/31/2006. OMB 0851-0031
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are regulated to respond to a collection of information unless it displays a valid OMB control number,

Application No. (if known): 10/543,119

Attomey Docket No.: 63834(70904)

## Certificate of Transmission under 37 CFR 1.8

| I hereby certify that this correspondence is being | g facsimile transmitted to the United |
|--|---------------------------------------|
| States Patent and Trademark Office.                |                                       |

| on | December 26, 2007 |
|----|-------------------|
|    | Date *            |

| Shulla Dinkt                       | (M)                      |
|------------------------------------|--------------------------|
| Signatu                            | re                       |
| Shayla N. Be                       | ernstein                 |
| Typed or printed name of pe        | rson signing Certificate |
|                                    | (617) 239-0638           |
| Registration Number, if applicable | Telephone Number         |

Each paper must have its own certificate of transmission, or this certificate must Note: identify each submitted paper.

Amendment in Response to Non-Final Office Action (8 pages) Amendment Transmittal (1 page)

Transmittal (1 page)

DEC 2 6 2007

| FAX TRANSMISSION | FA | X | TRA | NSM | USSI | ON |
|------------------|----|---|-----|-----|------|----|
|------------------|----|---|-----|-----|------|----|

DATE:

December 26, 2007

PTO IDENTIFIER:

Application Number 10/543,119-Conf. #9509

Patent Number

Inventor:

Morito Akiyama et al.

MESSAGE TO:

US Patent and Trademark Office

**FAX NUMBER:** 

(571) 273-8300

FROM:

EDWARDS ANGELL PALMER & DODGE LLP

Lisa Swiszcz Hazzard

PHONE:

(617) 517-5512

Attorney Dkt. #:

63834(70904)

PAGES (Including Cover Sheet): 12

CONTENTS:

Amendment in Response to Non-Final Office Action (8 pages)

Amendment Transmittal (1 page)

Transmittel (1 page)

Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (617) 517-5512 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

## EDWARDS ANGELL PALMER & DODGE LLP

P.O. Box 55874, Boston, Massachusetts 02205

Telephone: (617) 239-0100 Facsimile: (617) 227-4420



Docket No.: 63834 (70904)

(PATENT)

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

M. Akiyama, et al.

Application No.: 10/543,119

Confirmation No.: 9509

Filed: July 22, 2005

Art Unit: 2934

For: PIEZOELECTRIC DEVICE AND

FABRICATION METHOD THEREOF

Examiner: K. Addison

#### RESPONSE TO OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicants are in receipt of the Final Office Action dated September 25, 2007. Please amend the above-identified U.S. patent application as follows:

A Listing of Claims begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.